

Response to First Office Action  
Docket No. 020.0340.US.CON

**Amendments to the Specification**

On page 59, lines 5-17, please replace the existing paragraph with the following substitute paragraph:

5 A system for diagnosing and monitoring myocardial ischemia for  
automated remote patient care is presented. A database stores monitoring sets  
containing recorded measures relating to patient information recorded on a  
substantially continuous basis. A server retrieving and processing the monitoring  
sets includes a comparison module determining a patient status change by  
comparing recorded measures and time from each of the monitoring sets to other  
10 recorded measures and time from another monitoring set with both recorded  
measures relating to a same type of patient information recorded at different  
times, and an analysis module testing each patient status change for an absence,  
an onset, a progression, a regression, and a status quo of myocardial ischemia  
against a predetermined indicator threshold, including hysteresis threshold,  
15 corresponding to same type of patient information as the compared recorded  
measures.